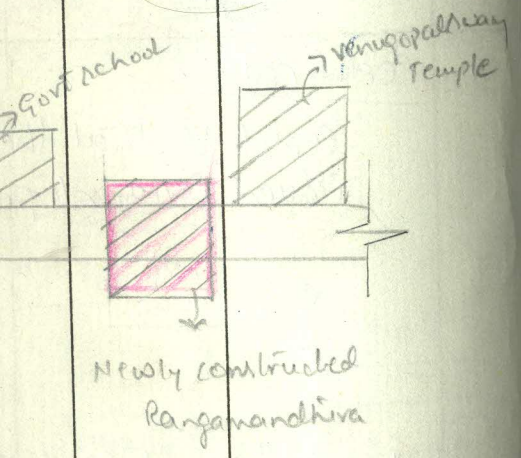
epth 6	Contents 7	Reference to last Measurement 8
one	SPot	



First & Final Bill

SBR No - 335/14-15
Dt 26-3-15

BR 496/26-3-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work Improvements to Drain and providing covering Slab at 259008 Narayanaswa my Road in ward No-10. (Doddabommasandra)

Name of Contractor of nature of Agency ..... Sri. R.S. Thyagaraj.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No; 010-15-0000 48.						
	Indent No; 13895						
	Aggrement No;- 314 Dated 16/02/2015.						
	Work order No; EE/BTP/BBMP/E-PMT/314/2014-15 Date 16/02/2015.						
	Address of Agency;- #15, Ramachandrapura, Jallahali; Post Bangalore.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 16/2/2014.						
1)	Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications.						
		1	30.00	1.00	0.90 =	27.00 Cum	
		1	30.60	1.00	0.90 =	27.54 Cum	
					Total =	54.54 Cum	
			Qty limited to Tender =			54.00 Cum	
			@ Rs	99.45		Rs 5372.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
2)	Providing and laying cement @ 180 kgs with aggregates @ 0.85 Cum laid in layers not, exceed and plinth, including	in an exceed cost

K

epth 6	Contents 7	Reference to last Measurement 8
ard soil involving an average ge lift upto 0.5m excavated the disposed earth to be leveled as per specifications.		
0.80 =	27.00 cum	
0.80 =	27.54 cum	
otal =	54.54 cum	
nder =	54.00 cum	
	RS 5372.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259009

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2)	Providing and laying in position Plain cement concrete mix 1:4:8 with opc cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, three well compacted, in foundation and plinth, including cost of all materials.	1	30.00	1.00	0.15 =	4.50 cum	
		1	30.60	1.00	0.16 =	4.59 cum	
					Total =	9.09 cum	
		Qty limited to Tender =				9.00 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ RS 4556.00					RS 41004.00	
	3) Providing and removing centering, shuttering, struting, propping etc and removal of form for vertical surface such as walls of any thickness including attached pilasters, buttresses, plinth and string courses cost of all materials labour etc complete as per specifications						
		4	30.00		0.60 =	72.00 Sqm	
		4	30.60		0.60 =	73.44 Sqm	
					Total =	145.44 Sqm	
		Qty limited to tender =				144.00 Sqm	
	@ RS 275.00					RS 39600.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	4) Providing and laying mix M20 with OPC c granite metal coarse mixed, concrete laid in lintels, retaining wa Bottom concrete
	Side walls

Contents	Reference to last Measurement
7	8
	Rs 41004.00
ng, propping etc and walls of any thickness nd string courses cost of Cochung	
= 72.00 Sqm	
= 73.44 Sqm	
= 145.44 Sqm	
= 144.00 Sqm	
	Rs 39600.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259010

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with zones and down size graded granite metal coarse aggregates @ 0.878 cum fine aggregates machine mixed, concrete laid in layers not exceeding level for roof slabs, staircase lintels, retaining walls, return walls, plain window cills, fillets etc						
	Bottom concrete	1	30.00	0.90	0.15 =	4.05 cum	
		1	30.60	0.80	0.15 =	4.13 cum	
	Side walls	2	30.00	0.15	0.60 =	5.40 cum	
		2	30.60	0.15	0.65 =	5.97 cum	

Cost C/F

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	19.55 Cum	
					Qty limited to	18.90 Cum	
					@ Rs	5701.00	Rs 107749.00
	5) providing mild steel reinforced for R.C.C work including straightening cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications						
	Qty vide page no 2590/91				=	11.34 Qtl	
	of this M-B no 2591						
					@ Rs	7498.00	Rs 85027.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	6) Providing granite slabs cement mortar (1:6) in covering slab
	Existing Drain covering slab

K

Depth 6	Contents 7	Reference to last Measurement 8
	= 19.55 Cum	
	18.90 Cum	
0	RS 107749.00	
ork including straightening- ion, lapping and/or welding re and anchoring to the complete as per Specifications		
	= 11.34 Qtl	
.00	RS 85027.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259011

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6) Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing covering etc complete as per specifications						
	Covering Slab						
		1	30.00		0.80	= 27.00 Sqm	
		1	30.60		0.80	= 27.54 Sqm	
	Existing Drain covering Slab	1	30.00		0.80	= 27.00 Sqm	
		1	30.00		0.80	= 27.00 Sqm	
		1	19.10		0.80	= 17.19 Sqm	
		1	30.00		0.80	= 27.00 Sqm	
		1	26.50		0.80	= 23.85 Sqm	

C&FL of 26/3/2015

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	176.58 Sqm	
					Qty limited to Tender =	175.50 Sqm	
					@ Rs 604.00	Rs 106002.00	
	7) Providing chamfering edges to Stone slab 2.5(ms), wide as per Specification (only chamfered length shall be recorded) etc complete as per Specification						
		327	3.00		=	981.00 mt	
					Qty limited to Tender =	875.00 mt	
					@ Rs 30.00	Rs 29250.00	

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Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	8) Providing two line stretch masonary etc complete as in charge of the work. Qty vide Page Item @ R	
	9) Lead for Disposal of Debris Mechanical means inclu as per Specifications	

Contents 7	Reference to last Measurement 8
= 176.58 Sqm	
= 175.50 Sqm	
RS 106002.00	
s(cms), work as per Specification	
te complete as per Specification	
= 981.00 nos	
= 875.00 nos	
RS 29250.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

259012

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	8) Providing two line dressing to granite stone slab/granite stone masonary etc complete as per Specifications and directions of engineer in charge of the work						
	Qty vide ~~Page~~ Item no. 6					= 175.50 Sqm	
	@ RS 800.00					RS 140400.00	
	9) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per Specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Item no-01 @ Rs 69.00				=	51.30 Cum	Rs 3353.00
	10) Add Lt. for third party inspection						Rs 5578.00
						Total Rs 563335.00	
	(:: Rupees five Lakhs ~~Sixty~~ ~~thirty~~ three thousand three hundred thirty five only)						
	cefe Shrinivas 26/3						Zadhav AE 26/3/2015.

Serial No. .....
Name of Work 493406
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate;
	certified that ... issued from ...

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	= 51.30 cum	
	RS 3353.00	2540
	RS 5578.00	3579
	Total RS 563385.00	563593
	three hunared thirty five	
	Jadhav	
	AE 26/3/2015.	

BRNO: A96/20-3-15

563593/-

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. ..... 70(17)

Name of Work ..... 493406 ..... From ..... To 259013

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate;						

Certified that the above work done satisfactory and no-materials issued from departmentally.

Jadhav

AE 26/3/2015.

26/3